

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Steven N. BATHICHE

Serial No.: TBA

Filed: September 16, 2003

For: Computer Keyboard With Quantitatively Force-Sensing Keys

Atty. Docket No.: 003797.00546

Group Art Unit: TBA

Examiner: TBA

**INFORMATION DISCLOSURE STATEMENT**

Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

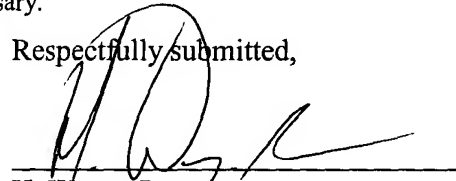
Pursuant to the duty of good faith and candor as set forth in 37 C.F.R. §§ 1.56(a), 1.97 and 1.98 *et seq.*, Applicant submits herewith the attached Form PTO/SB/08A. Applicant has submitted each of the references cited on attached Form PTO/SB/08A with this paper. Applicant respectfully requests that the Examiner consider and enter all the documents cited on the enclosed Form PTO/SB/08A into the file of the above-identified application. Applicant also requests an indication of the same by return of the Form PTO/SB/08A being initialed and dated by the Examiner.

No fees are believed due to ensure consideration of the attached documents by the Examiner. However, if any fees are required or an overpayment of fees made, the Commissioner is hereby authorized to debit or credit our Deposit Account No. 19-0733, as necessary.

Respectfully submitted,

Date: September 16, 2003

By:

  
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Attachments:

Form PTO/SB/08A  
References Cited on Form PTO/SB/08A

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Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Application Number	TBA
		Filing Date	September 16, 2003
		First Named Inventor	Steven N. BATHICHE
		Group Art Unit	TBA
		Examiner Name	TBA
(use as many sheets as necessary)		Attorney Docket Number	003797.00546
Sheet	1	of	1

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US-3,806,471	04/23/1974	Mitchell	
		US- 4,296,406	10/20/1981	Pearson	
		US- 4,314,227	02/02/1982	Eventoff	
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		US- 5,008,497	04/16/1991	Asher	
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		US- 6,347,997 B1	02/19/2002	Armstrong	
		US- 2002/0104369 A1	08/08/2002	Baker et al.	
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
		GB 1 255 761	12/01/1971			
OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS						
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T <sup>2</sup>
		Eric Gray, "The Synclavier Digital Audio System: Recent Developments in Audio Post-Production," New England Digital, March 1987.				
		R.D. Harrod, "Touch-Pressure Sensitive Frequency-Modulated Keyboard," IBM Technical Disclosure Bulletin, Vol. 20, No. 10, pp. 4039-4040, March 1978.				
		Joyce et al., "Identity Authentication Based on Keystroke Latencies," Communications of the ACM, Vol. 33, No. 2, pp. 168-176, Feb. 1990.				
		Lieberman et al., "Casio CZ-1 Digital Synthesizer: A User's Report," Computer Music Journal, pp. 86-88, Spring 1987.				
		Popovich et al., "Gradient formation in a micro-processor-based HPLC system," American Laboratory, pp. 136-139, May 1981.				
		H. Tang, "A multilevel input system with force-sensitive elements," Int. J. Human-Computer Studies, 2001 (54), pp. 495-507, April 2001.				
Examiner Signature		Date Considered				

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.

<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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